ESH Coordinators and Quality Representatives Meeting
May 30, 2007

Patricia Williams
Safety & Health Services Division Manager

Safety Topic – Cigarette Fires

■ Smoldering mulch at the front door or Building 911

- On 5/1/2007 @ 3:29 PM, BNL Fire/Rescue was notified of smoldering mulch in front of Building 911 (Collider-Accelerator Department). The area was less than 1/3 sq. ft. The small smoking area was watered down by the Building Manager with a garden hose who then called BNL Fire/Rescue to verify that the smoldering was out and the issue was over. The BNL Fire Rescue Captain arrived at the scene, verified that the smoldering had already been extinguished, and that there was no smoldering mulch remaining. BNL F/R notified the ORPS categorizer of this event.

Bld. 911 Smoldering Mulch

Safety Topic – Cigarette Fires

- **Smoldering mulch bed on south side of CFN Building**
  - On 5/4/2007 @ 4:45 PM, a mulch bed located on the South side of CFN (building 735) was found smoldering by the CFN building manager. The CFN Building Manager contacted the BNL Fire Rescue Group who responded to the scene and extinguished the mulch bed. The BNL Fire Rescue Group notified the ORPS categorizer of the event. The apparent cause was a cigarette butt which was discarded in the mulch bed.

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Discarded Cigarette Butt

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Safety Topic – Cigarette Fires

■ Fire in Building 120 Butt Stop

- On 5/15/07, an employee noticed fire emanating from the Butt Stop container on the west side of Building 120, promptly poured water into it, and notified Fire/Rescue. The Fire/Rescue Group responded and noticed that the fire had reignited due to the container being completely full of cigarette butts. Additional water was added to completely extinguish the fire, and the container was emptied.

Butt Stop at Building 120

Safety Topic – Cigarette Fires

- **Brush Fire adjacent to Skunk Hollow Path along the south border of the Laboratory**
  - On 5/24/07, a brush fire was discovered by two employees who saw a puff of smoke and called Fire/Rescue. The fire, attributed to a discarded cigarette in the dried leaves along the roadside, scorched a 150 ft. by 90 ft. section of woods.

Brush Fire Adjacent to Skunk Hollow Path

Safety Topic – Cigarette Fires

- If you have workers that smoke, please make sure supervisors remind them to snuff out cigarettes before disposing of them.

- If you have workers that use government vehicles, please make sure supervisors remind them that there is no smoking within government vehicles. If they forget, they should use the ash tray and not the roadside.

- Spring has been relatively dry and warm. Wildland fire (brush fires) are easily started under these conditions. As the summer gets into swing, the fire hazards will be greatly increased. Employees should make it a habit to be careful with ignition sources.

- Consider smoking cessation programs

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Smoking

Step 1.

The Building Manager designates smoking areas that are a minimum of 25 ft away from flammable liquid storage containers, 10 ft away from containers with combustible material (recycling bins, dumpsters) or ground cover (mulch, leaves, wooden floors), and 20 ft away from areas with smoke detection.

Combustibles

Wood chips

Step 2.

The Building Manager equips designated smoking areas with self-extinguishing ash receptacles that are properly labeled with "No Trash" warnings.

10 CFR 851 Update

- BHSO approved the BNL Worker Safety & Health Program Description on 5/23/07!!!

- The AHJ authority was given for Electrical, Pressure, Biological and Fire and Life safety to the Lab Director. The following committees will act on his behalf:

  - Lab Electrical Safety Committee
  - Lab ESH Committee - Pressure Safety Subcommittee
  - Institutional Biosafety Committee and
  - Laboratory Fire Safety Committee

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10 CFR 851 Update

- The plan for developing corrective actions for the gaps identified in the 10 CFR 851 Gap Analysis must be submitted to BHSO by July 23, 2007 (60 days from approval of WS&H PD)

- Please provide corrective action plans for your department/division 10 CFR 851 Self Assessments by June 29, 2007

10 CFR 851 Update

Thanks to all who contributed to this major effort!!!

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Questions?